### PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2001

Application or Docket Number
10/08/3/4
400-01837-US (PAR)

|                            |                                            |                                                                                                              |                                                      |                                                          |                                          |                                                         |                    |                                                                   |                        |                      | -03(1                                                                       |                        |
|----------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------|----------------------------------------------------------|------------------------------------------|---------------------------------------------------------|--------------------|-------------------------------------------------------------------|------------------------|----------------------|-----------------------------------------------------------------------------|------------------------|
|                            |                                            | CLAIMS A                                                                                                     | S FILED<br>(Colum                                    | •                                                        |                                          | ımn 2)                                                  | SM                 | ALL E                                                             | NTITY                  | OR                   | OTHER<br>SMALL                                                              |                        |
| TO                         | TAL CLAIMS                                 |                                                                                                              | 21                                                   |                                                          |                                          |                                                         | [-                 | RATE                                                              | FEE                    | 7                    | RATE                                                                        | FEE                    |
| FOR                        |                                            |                                                                                                              | NUMBER FILED                                         |                                                          | NUMBER EXTRA                             |                                                         | ВА                 | SIC FEE                                                           | 370.00                 | OR                   | BASIC FEE                                                                   |                        |
| TOTAL CHARGEABLE CLAIMS    |                                            |                                                                                                              | 2/ minus 20=                                         |                                                          | • 1                                      |                                                         |                    | X\$ 9=                                                            |                        | OR                   | 7,000                                                                       | 18                     |
| INDEPENDENT CLAIMS         |                                            |                                                                                                              | 3 minus 3 =                                          |                                                          | · ø                                      |                                                         | ,                  | X42=                                                              | <u> </u>               | OR                   | Y24                                                                         | 18                     |
| MULTIPLE DEPENDENT CLAIM P |                                            |                                                                                                              | RESENT                                               |                                                          |                                          |                                                         |                    | 140=                                                              |                        | 1                    |                                                                             | -                      |
| If t                       | he difference                              | e in column 1 is                                                                                             | less than z                                          | zero, enter                                              | "0" in d                                 | ∞lumn 2                                                 |                    | OTAL                                                              |                        | OR                   | +280=                                                                       | 750                    |
|                            | C                                          | LAIMS AS A                                                                                                   | AMENDE                                               | D - PAR                                                  | T II                                     |                                                         |                    |                                                                   |                        | JOH                  | OTHER                                                                       | DS8                    |
| _                          |                                            | (Column 1)                                                                                                   |                                                      | (Colun                                                   |                                          | (Column 3)                                              | S                  | MALL                                                              | ENTITY                 | OR                   | SMALL                                                                       |                        |
| ¥ . NJ                     |                                            | REMAINING<br>AFTER<br>AMENDMENT                                                                              |                                                      | HIGHI<br>NUME<br>PREVIO<br>PAID I                        | BER<br>DUSLY                             | PRESENT<br>EXTRA                                        | F                  | RATE                                                              | ADDI-<br>TIONAL<br>FEE |                      | RATE                                                                        | ADDI-<br>TIONA<br>FEE  |
| - I                        | Total :                                    | - 22                                                                                                         | Minus                                                | # 2                                                      | 7                                        | =F                                                      | X                  | \$ 9=                                                             | ٠                      | OR                   | X\$18=                                                                      | 18.00                  |
|                            | Independent                                | 1. 3                                                                                                         | Minus                                                | *** 3                                                    | 3                                        | =                                                       | ×                  | (42=                                                              |                        | OR                   | X84≃                                                                        | 70.0                   |
| t L                        | ring i Phese                               | NTATION OF M                                                                                                 | ULTIPLE DE                                           | PENDENT                                                  | CLAIM                                    |                                                         | l                  |                                                                   |                        | OI.                  | -                                                                           |                        |
| ŀ                          |                                            |                                                                                                              |                                                      |                                                          |                                          |                                                         | '   <sub>.</sub> . | 140-                                                              |                        | I I                  | .200_                                                                       |                        |
| ¥ F                        |                                            | BES                                                                                                          | T AVAII                                              | LABLE                                                    | E CO                                     | PY                                                      | +                  | 140=.<br>TOTAL                                                    |                        | OR                   | +280=                                                                       | N 111                  |
| F                          |                                            |                                                                                                              | T AVAII                                              |                                                          |                                          |                                                         | ADD                |                                                                   |                        | ا'                   | +280=<br>TOTAL<br>ADDIT. FEE                                                | <i>R.00</i>            |
|                            |                                            | (Column 1) CLAIMS REMAINING AFTER AMENDMENT                                                                  | T AVAII                                              | (Colum<br>HIGHE<br>NUME<br>PREVIO<br>PAID F              | nn 2)<br>EST<br>BER<br>OUSLY             | (Column 3) PRESENT EXTRA                                | ADD                | TOTAL                                                             | ADDI-<br>TIONAL<br>FEE | ا'                   | TOTAL                                                                       | ADDI-<br>TIONA         |
|                            | -<br>Total                                 | (Column 1) CLAIMS REMAINING AFTER                                                                            | T AVAII                                              | (Colum<br>HIGHE<br>NUME<br>PREVIO                        | nn 2)<br>EST<br>BER<br>OUSLY             | (Column 3) PRESENT                                      | ADD                | TOTAL<br>IT. FEE                                                  |                        | OR                   | TOTAL<br>ADDIT. FEE                                                         | ADDI-                  |
| T                          | <sup>r</sup> otal<br>ndependent            | (Column 1) CLAIMS REMAINING AFTER AMENDMENT                                                                  | Minus<br>Minus                                       | (Colum<br>HIGHE<br>NUME<br>PREVIO<br>PAID F              | nn 2)<br>EST<br>BER<br>BUSLY<br>FOR      | (Column 3) PRESENT EXTRA                                | ADD R.             | TOTAL<br>IT. FEE                                                  | TIONAL                 | OR<br>OR             | TOTAL ADDIT. FEE  RATE  X\$18=                                              | ADDI-<br>TIONA         |
|                            | <sup>r</sup> otal<br>ndependent            | (Column 1) CLAIMS REMAINING AFTER AMENDMENT                                                                  | Minus<br>Minus                                       | (Colum<br>HIGHE<br>NUME<br>PREVIO<br>PAID F              | nn 2)<br>EST<br>BER<br>BUSLY<br>FOR      | (Column 3) PRESENT EXTRA                                | ADD R              | TOTAL<br>IT. FEE<br>ATE<br>\$ 9=<br>42=                           | TIONAL                 | OR<br>OR<br>OR       | TOTAL ADDIT. FEE  RATE  X\$18=  X84=                                        | ADDI-<br>TIONAI        |
|                            | <sup>r</sup> otal<br>ndependent            | (Column 1) CLAIMS REMAINING AFTER AMENDMENT                                                                  | Minus<br>Minus                                       | (Colum<br>HIGHE<br>NUME<br>PREVIO<br>PAID F              | nn 2)<br>EST<br>BER<br>BUSLY<br>FOR      | (Column 3) PRESENT EXTRA                                | ADD R. XX          | TOTAL<br>IT. FEE<br>ATE<br>\$ 9=                                  | TIONAL                 | OR<br>OR<br>OR       | TOTAL ADDIT. FEE  RATE  X\$18=  X84=  +280=                                 | ADDI-<br>TIONAL        |
|                            | <sup>r</sup> otal<br>ndependent            | (Column 1) CLAIMS REMAINING AFTER AMENDMENT  * NTATION OF MU                                                 | Minus<br>Minus                                       | (Colum<br>HIGHE<br>NUME<br>PREVIO<br>PAID F              | EST<br>BER<br>BUSLY<br>FOR               | (Column 3) PRESENT EXTRA                                | ADD R. X: X: +1    | TOTAL<br>IT. FEE<br>ATE<br>\$ 9=<br>42=<br>40=                    | TIONAL                 | OR<br>OR<br>OR       | TOTAL ADDIT. FEE  RATE  X\$18=  X84=                                        | ADDI-<br>TIONAI        |
| T                          | <sup>r</sup> otal<br>ndependent            | (Column 1) CLAIMS REMAINING AFTER AMENDMENT  * NTATION OF MU (Column 1) CLAIMS                               | Minus<br>Minus                                       | (Colum                                                   | nn 2) EST BER IUSLY FOR CLAIM            | (Column 3)  PRESENT EXTRA  =  (Column 3)                | ADD R. X: X: +1    | TOTAL IT. FEE    ATE    \$ 9=    42=    40=    TOTAL              | TIONAL<br>FEE          | OR<br>OR<br>OR       | TOTAL ADDIT. FEE  RATE  X\$18=  X84=  +280=  TOTAL                          | ADDI-<br>TIONAI<br>FEE |
| T                          | <sup>r</sup> otal<br>ndependent            | (Column 1)  CLAIMS REMAINING AFTER AMENDMENT  *  NTATION OF ML  (Column 1)                                   | Minus<br>Minus                                       | (Colum                                                   | ON 2) EST BER USLY FOR  CLAIM            | (Column 3) PRESENT EXTRA                                | ADDI               | TOTAL<br>IT. FEE<br>ATE<br>\$ 9=<br>42=<br>40=<br>TOTAL<br>T. FEE | TIONAL<br>FEE  ADDI-   | OR<br>OR<br>OR       | TOTAL ADDIT. FEE  RATE  X\$18=  X84=  +280=  TOTAL                          | ADDI-<br>TIONAI<br>FEE |
| T                          | <sup>r</sup> otal<br>ndependent            | (Column 1) CLAIMS REMAINING AFTER AMENDMENT  * NTATION OF MI  (Column 1) CLAIMS REMAINING AFTER              | Minus<br>Minus                                       | (Colum HIGHE PREVIO PAID F                               | ON 2) EST BER USLY FOR  CLAIM            | (Column 3)  PRESENT EXTRA  =  (Column 3)  PRESENT       | ADDI               | TOTAL IT. FEE  ATE  \$ 9=  40=  TOTAL IT. FEE                     | TIONAL<br>FEE          | OR<br>OR<br>OR<br>OR | TOTAL ADDIT. FEE  RATE  X\$18=  X84=  +280=  TOTAL ADDIT. FEE  RATE         | ADDI-<br>TIONAI<br>FEE |
| To lo                      | Total INST PRESE  Total  Total Independent | (Column 1) CLAIMS REMAINING AFTER AMENDMENT  * NTATION OF MI  (Column 1) CLAIMS REMAINING AFTER AMENDMENT  * | Minus  Minus  JLTIPLE DEI  Minus  Minus              | (Columnum Higher NUMB PREVIO PAID F                      | CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM | (Column 3)  PRESENT EXTRA  =  (Column 3)  PRESENT EXTRA | ADDI               | TOTAL IT. FEE  ATE  \$ 9=  40=  TOTAL IT. FEE  ATE                | TIONAL<br>FEE  ADDI-   | OR<br>OR<br>OR<br>OR | TOTAL ADDIT. FEE  RATE  X\$18=  X84=  +280=  TOTAL ADDIT. FEE  RATE  X\$18= | ADDI-<br>TIONAI<br>FEE |
| To lo                      | Total INST PRESE  Total  Total Independent | (Column 1) CLAIMS REMAINING AFTER AMENDMENT  * NTATION OF MU  (Column 1) CLAIMS REMAINING AFTER AMENDMENT    | Minus  Minus  JLTIPLE DEI  Minus  Minus              | (Columnum Higher NUMB PREVIO PAID F                      | CLAIM  CLAIM  CLAIM  CLAIM  CLAIM  CLAIM | (Column 3) PRESENT EXTRA  (Column 3) PRESENT EXTRA      | ADDI               | TOTAL IT. FEE  ATE  \$ 9=  40=  TOTAL IT. FEE                     | TIONAL<br>FEE  ADDI-   | OR<br>OR<br>OR<br>OR | TOTAL ADDIT. FEE  RATE  X\$18=  X84=  +280=  TOTAL ADDIT. FEE  RATE         | ADDI-<br>TIONA<br>FEE  |
| TILL F                     | Total INST PRESE Independent INST PRESE    | (Column 1) CLAIMS REMAINING AFTER AMENDMENT  * NTATION OF MI  (Column 1) CLAIMS REMAINING AFTER AMENDMENT  * | Minus  Minus  JLTIPLE DEI  Minus  Minus  JLTIPLE DEI | (Colum HIGHE NUME PREVIO PAID F HIGHE NUMB PREVIO PAID F | CLAIM                                    | (Column 3)  PRESENT EXTRA  (Column 3)  PRESENT EXTRA  = | ADDI R. XX +1 ADDI | TOTAL IT. FEE  ATE  \$ 9=  40=  TOTAL IT. FEE  ATE                | ADDI-<br>TIONAL<br>FEE | OR<br>OR<br>OR<br>OR | TOTAL ADDIT. FEE  RATE  X\$18=  X84=  +280=  TOTAL ADDIT. FEE  RATE  X\$18= | ADDI-<br>TIONAI<br>FEE |

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703-872-9306 FAX NO: TO: Mail Stop AF Commissioner of Patents August 17, 2004 DATE: FROM: Joseph V. Gamberdell, Jr. Amendment After Final P&G Reference: 460-010837-US (PAR) RE: Number of Pages, including this sheet, being transmitted: Attached please find an Amendment After Final in response to the Final Office Action mailed 20 April 2004. Thank you.

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However, there is no disclosure in Bloebaum related to using one or more reference points to determine or predict signal phases of visible satellites of a GPS system. The term "visible satellites" means satellites which are above the horizon with respect to the wireless communication device.

At least for these reasons, Applicants respectfully submit that independent claims 1, 11, and 21, and dependent claims 2-10 and 12-20 are not anticipated by Bloebaum.

Claim 22 is new, depends from claim 1, and describes the signal phase of the positioning system as including one of a code phase, a bit phase, a subframe phase, a frame phase, or a Doppler shift. The cited art does not disclose or suggest this feature.

For all of the foregoing reasons, it is respectfully submitted that all of the claims now present in the application are clearly novel and patentable over the prior art of record, and are in proper form for allowance. Accordingly, favorable reconsideration and allowance is respectfully requested. Should any unresolved issues remain, the Examiner is invited to call Applicants' attorney at the telephone number indicated below.

The Commissioner is hereby authorized to charge Deposit Account No. 16-1350 in the amount of \$128.00 for the additional claim and for a one month extension of time.

The Commissioner is hereby authorized to charge payment for any fees associated with this communication or credit any over payment to Deposit Account No. 16-1350.

Respectfully submitted,

Joseph V. Gamberdell, Sr.

Date

Reg. No. 44,695

Perman & Green, LLP 425 Post Road Fairfield, CT 06824 (203) 259-1800 Customer No.: 2512

#### CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being transmitted by facsimile to 703-872-9306 on the date indicated below, addressed to Mail Stop AF, Commissioner of Patents, P.O. Box 1450, Alexandria VA 22313-1450

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